

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB 03182

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 169 899 B1 (ROEL-NG MAYA ET AL) 2 January 2001 (2001-01-02) column 2, line 7 - column 3, line 27 column 3, line 64 - column 7, line 12 figures 3-4B	1, 4, 6, 8, 11-14, 16, 18-20
A	WO 01 52569 A (NOKIA NETWORKS OY ;KAALL JAN (FI); NAGHIAN SIAMAEK (FI)) 19 July 2001 (2001-07-19) page 5, line 27 - page 7, line 12 page 10, line 15 - page 13, line 8 figures 1, 3	1-20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

23 October 2003

Date of mailing of the international search report

30/10/2003

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Intern: [REDACTED] Application No:
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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6169899	B1	02-01-2001	AU GB US	4751799 A 2344024 A 6272342 B1		16-03-2000 24-05-2000 07-08-2001
WO 0152569	A	19-07-2001	AU BR CA CN WO EP JP US	4048401 A 0016943 A 2397083 A1 1433645 T 0152569 A1 1247408 A1 2003520519 T 2003148774 A1		24-07-2001 15-10-2002 19-07-2001 30-07-2003 19-07-2001 09-10-2002 02-07-2003 07-08-2003